

[illegible]

	1	2223	70
SEQ 15	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKDVVVELDWPDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG	
SEQ 08	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKDVVVELDWPDPAPGETVVLTCDTPEEDGITWTSDQSSSEVLG	
SEQ 09	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKNVVELDWPDPAPGEMVVLACDTPEEDGITWTSDQSSSEVLG	
SEQ 10	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKNVVELDWPDPAPGEMVVLACDTPEEDGITWTSDQSSGVLG	
SEQ 11	(1)	MHPQQLVVSWSVLFLASPLVAIWELKKNVVELDWPDPAPGETVVLACDTPEEDGITWTSDQSSSEVLG	
SEQ 12	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKNVVELDWPDPAPGEMVVLACDTPEEDGITWTSDQSSSEVLG	
SEQ 13	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKDVVVELDWPDPAPGEMVVLACDTPEEDGITWTSDQSSSEVLG	
SEQ 14	(1)	MCHQQLVISWFSVLFLASPLVAIWELKKNVVELDWPDPAPGEMVVLACDTPEEDGITWTSDQSSSEVLG	

SEQ 15	(71)	SGKTLTIQVKEFGDAGQYTC	HKGEVLSHSLLLHHKKEDGI	WSTDILKDQKEPKNK	TKTLRCEAKNYSGRF
SEQ 08	(71)	TGKTLTIHVKEFGDAGQYTC	RKGGA ¹ LS ¹ SLLLHHKKEDGI	WSTDILKDQKEPKNKS ¹ FLK	CEAKNYSGRF
SEQ 09	(71)	TGKTLTIHVKEFGDAGQYTC	RKGGA ¹ VS ¹ SLLLHHKKEDGI	WSTDILKDQKEPKNKS ¹ FLK	CEAKNYSGRF
SEQ 10	(71)	TGKTLTIHVKEFGDAGQYTC	RKGGA ¹ VS ¹ SLLLHHKKEDGI	WSTDILKDQKEPKAK ¹ S ¹ FLK	CEAKDYSGH ¹ F
SEQ 11	(71)	TGKTLTIHVKEFGDAGQYTC	RKGGA ¹ VS ¹ SLLLHHKKEDGI	WSTDILKDQKK ¹ PKNK ¹ IFLK	CEAKNYSGRF
SEQ 12	(71)	TGKTLTIHVKEFGDAGQYTC	HKGK ¹ VL ¹ SR ¹ SLLLHHKKEDGI	WSTDILKDQKEPKNKS ¹ FLK	CEAKNYSGRF
SEQ 13	(71)	TGKTLTIHVKEFGDAGQYTC	HKGK ¹ TVL ¹ S ¹ SLLLHHKKEDGI	WSTDILKDQKEPKNKS ¹ FLK	CEAKNYSGRF
SEQ 14	(71)	TGKTLTIHVKEFGDAGQYTC	RKGGA ¹ VS ¹ SLLLHHKKEDGI	WSTDILKDQKEPKNK ¹ IFLK	CEAKNYSGRF

	141	209
SEQ 15	(141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN--KEYEYSVEQCQEDSACPAAAEESLP	PIE
SEQ 08	(141) TCWWLTTISTDLKF SVKSSRGSTDPFGVTCGATLS	SEDLG--EYKKYRVCEQEGSACPAAAEESLP
SEQ 09	(141) TCWWLTTISTDLKF SVKSSRGSSDPFGVTCGAADLSAEKVSLEHREYKKYRVCEQEGSACPAAAEESLP	PIE
SEQ 10	(141) TCWWLTTISTDLKF SVKSSRGSSDPQGVTCGAATLSAERVSMDHREYKNYIVCEQEGSACP	SAEESLP
SEQ 11	(141) TCWWLTAISTDLKFIVKSSRGSSDPQGVTCGAATLSAERVSMDHREYKNYIVCEQEGSACP	SAEESLP
SEQ 12	(141) TCWWLTTISTDLTF SVKSSRGSTDPFGVTCGATLS	SEDLG--EYKKYRVCEQEGSACPAAAEESLP
SEQ 13	(141) TCWWLTAISTDLKFIVKSSRGSTDPFGVTCGATLS	SEDLG--EYKKYRVCEQEGSACPAAAEESLP
SEQ 14	(141) TCWWLTAISTDLKFIVKSSRGSSDPQGVTCGAATLSAERVSMDHREYKNYIVCEQEGSACP	SAEESLP

Fig. 1A

09/725,324
1 of 16

09/725,324
2 of 16

SEQ 15	(280)	KSKREKKDRVFTDKTSATVICRKNASISVRAQDRYSSSSWSEWASVPCS--	328
SEQ 08	(276)	KSKREKKDRUFTDKTSATVICRKNAKIRVQARDRYSSFWSEWASVCS--	
SEQ 09	(281)	KNKREKK--LFMDQTSAKVTCHKDAKIRVQARDRYSSSSWSEWASVCS--	
SEQ 10	(281)	KNKREKK--LFMDQTSAKVTCHKDAKIRVQARDRYSSSSWSEWASVPCS--	
SEQ 11	(281)	KNKREKK--LFMDQTSAKVTCHKDAKIRVQARDRYHSSSWSEWASVPCS--	
SEQ 12	(276)	KNKREKK--LFMDQTSAKVTCHKDAKIRVQARDRYSSSSWSEWASVSCG--	
SEQ 13	(276)	KNKREDR--LFMDQTSAKVTCHKDAKIRVQARDRYSSSSWSEWASVSSQSV	
SEQ 14	(281)	KNKREKKDRLSVDKTSAKVMCHKDAKIRVQARDRYSSSSWSEWASVPCS--	

09/725,324
2 of 16

09/725, 324
3 of 16

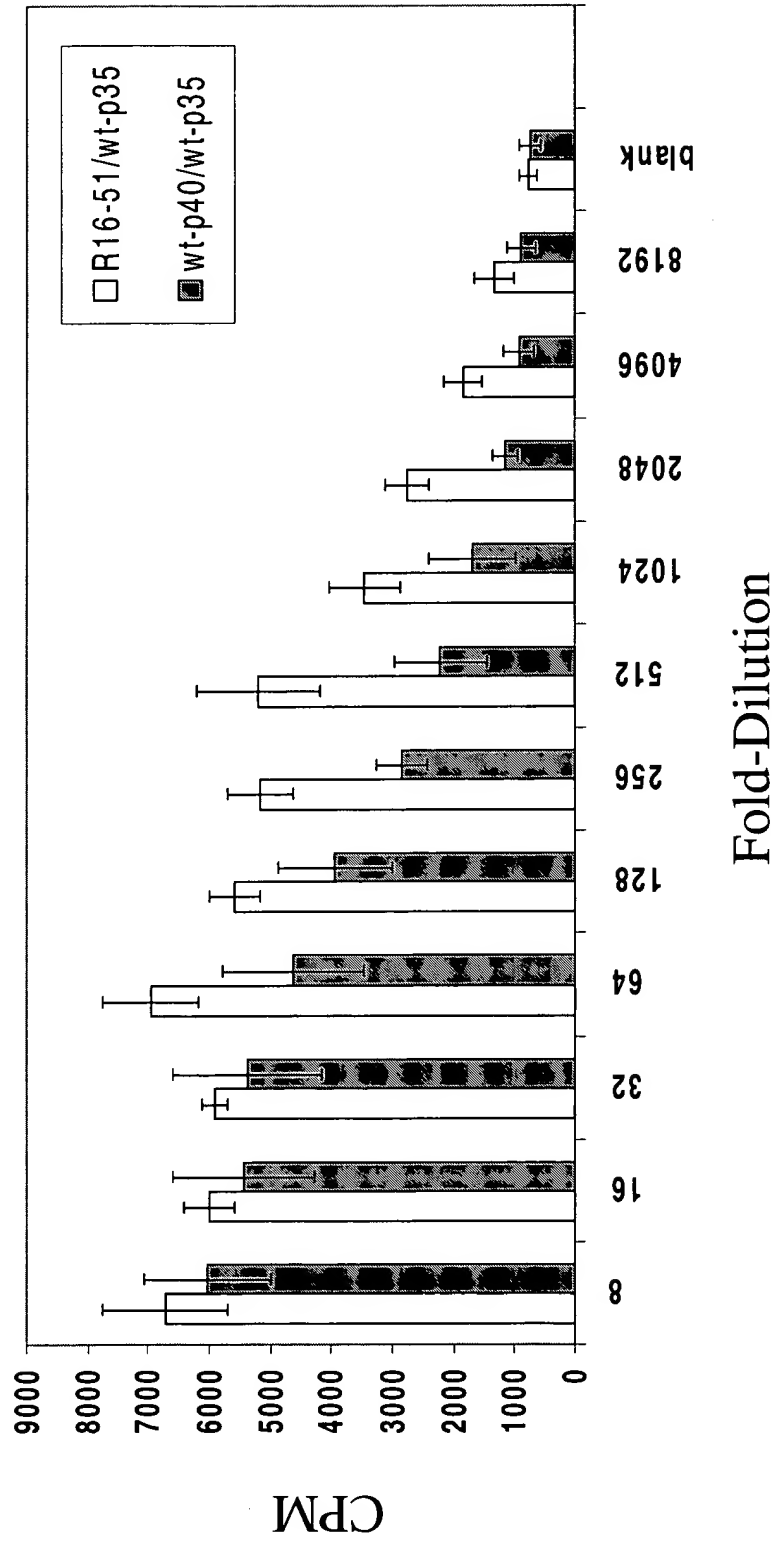
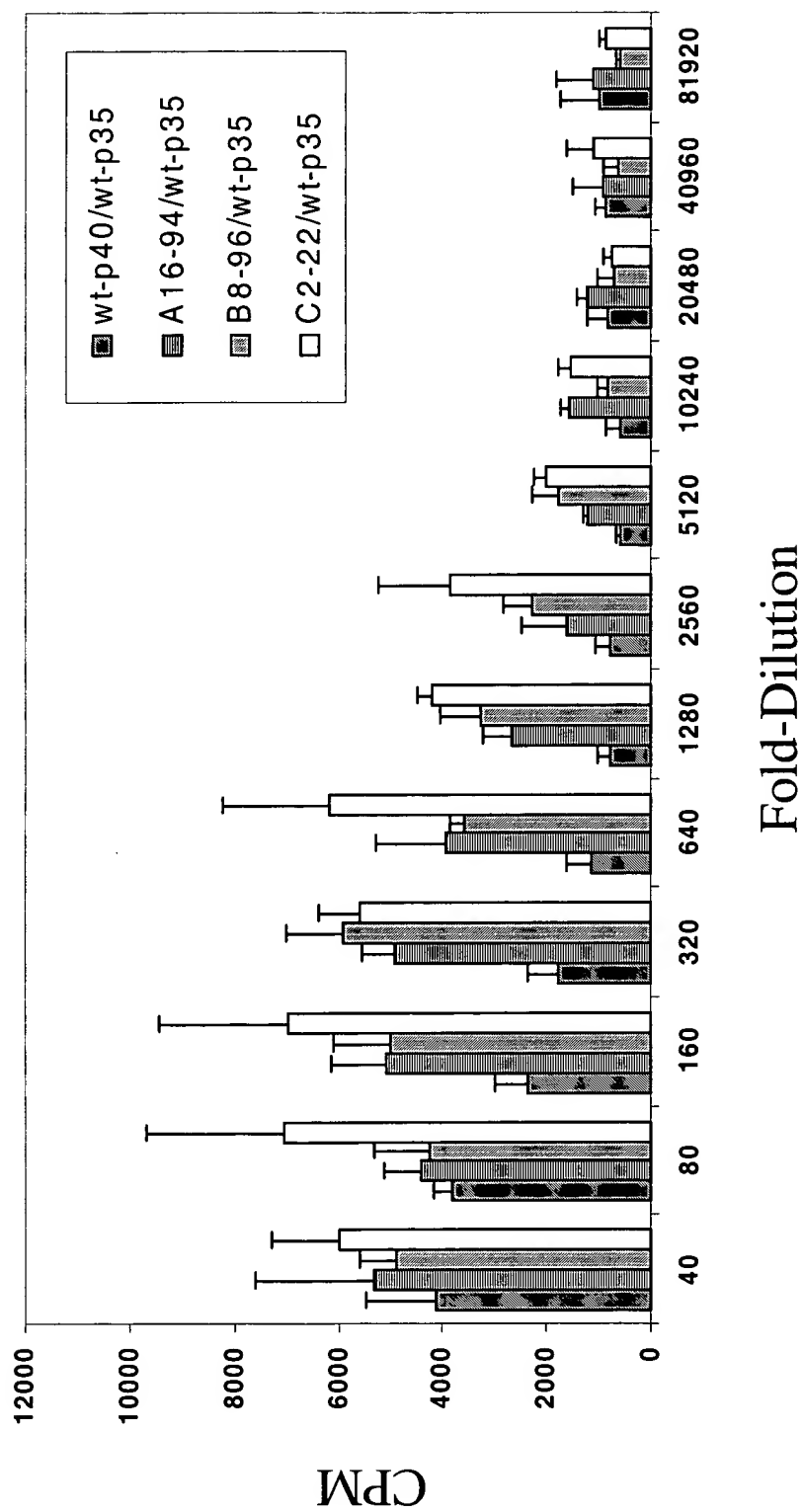


Fig. 2

003211-4232260



09/725, 324
4 of 16

Fig. 3

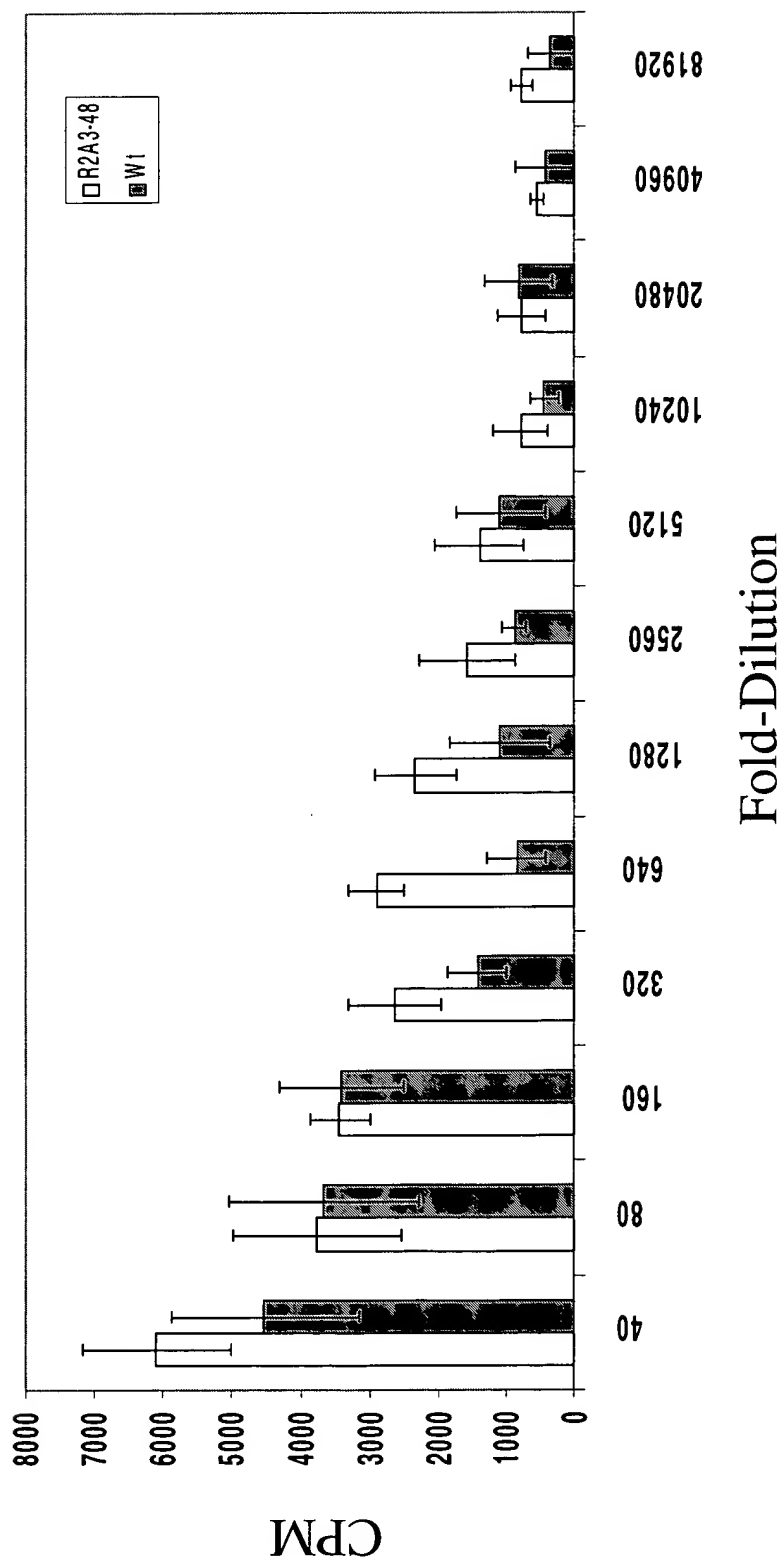
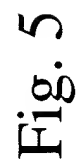


Fig. 4

[illegible]

09/725,324
7 of 16

009227-4232260

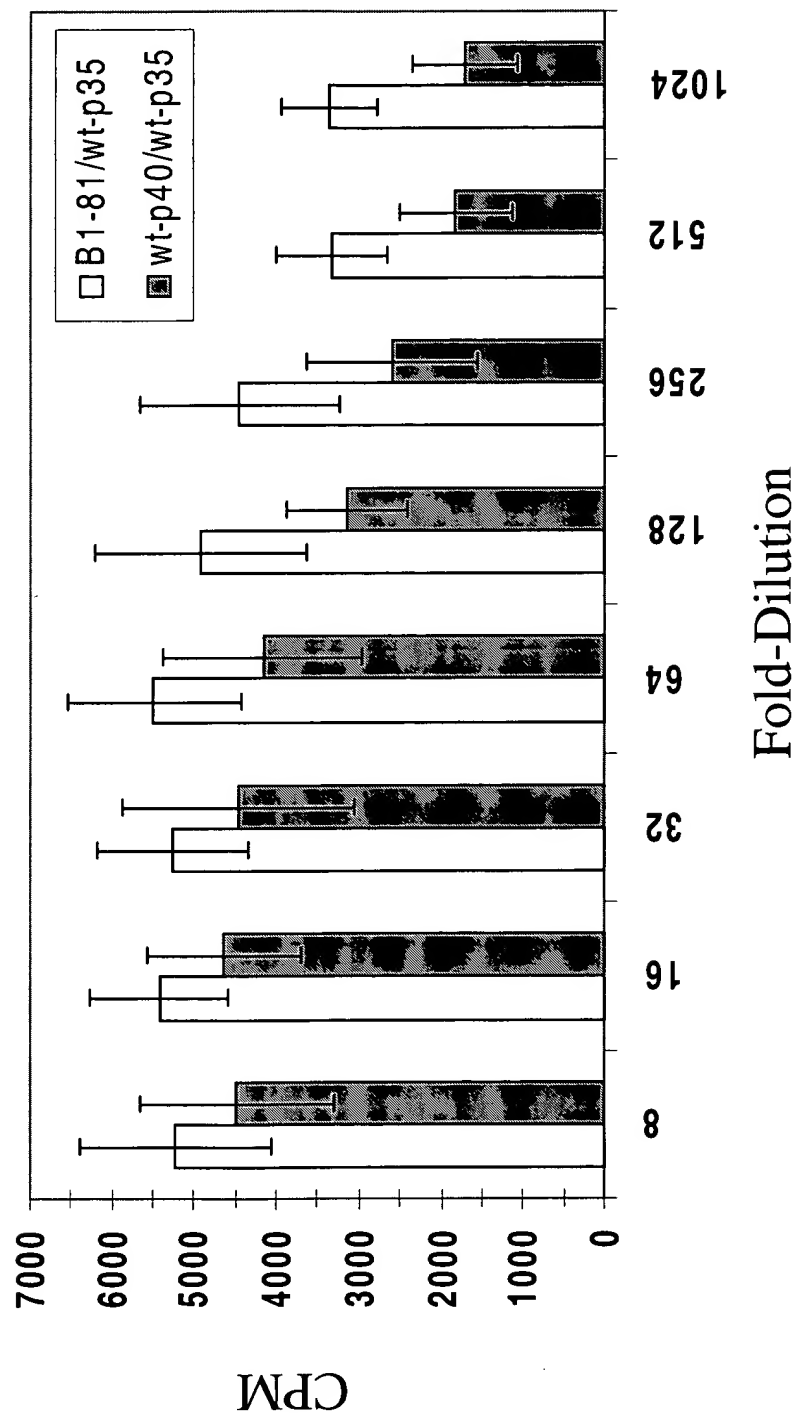


Fig. 6

09/125, 324
8 of 16

09/25/24 - 11:20:00

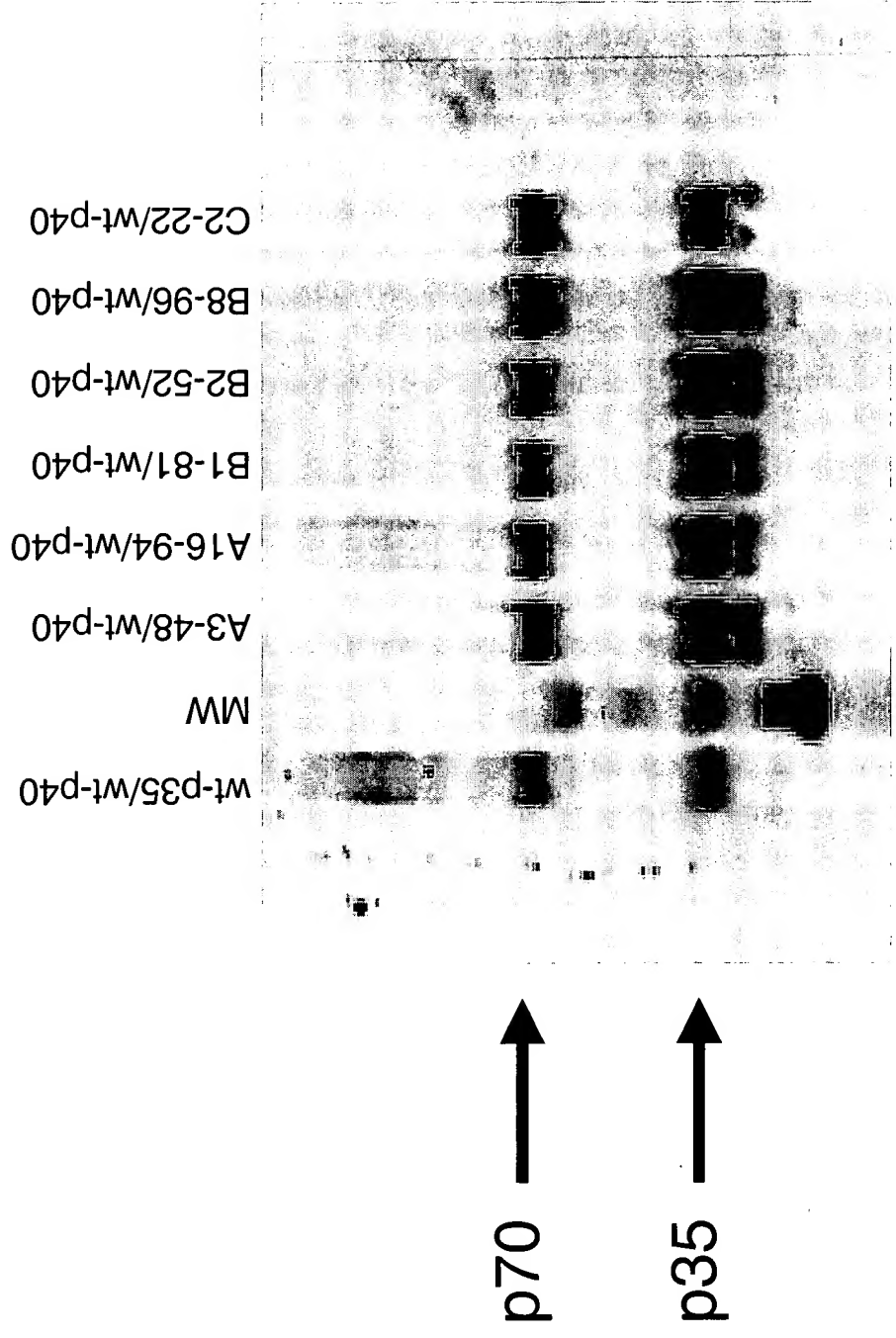
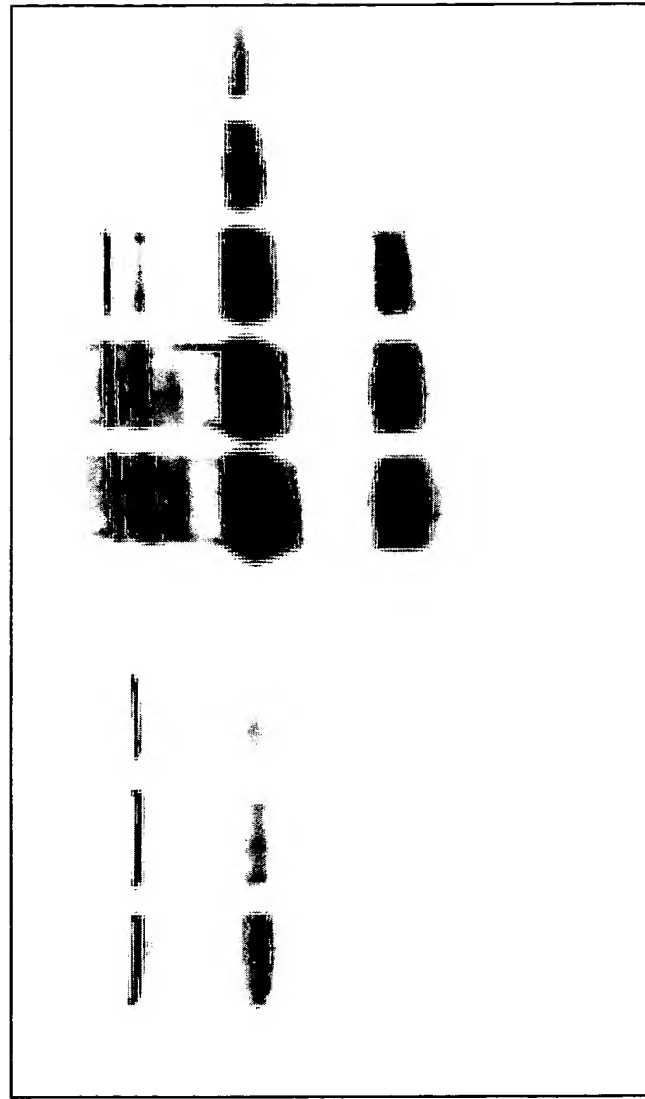


Fig. 7

008277-4252260

wt-p40 / wt-p35

C2-22/wt-p35



Volume of protein solution

Fig. 8

09/725,324
9 of 16

003277-4252260

09/725, 324
10 of 16

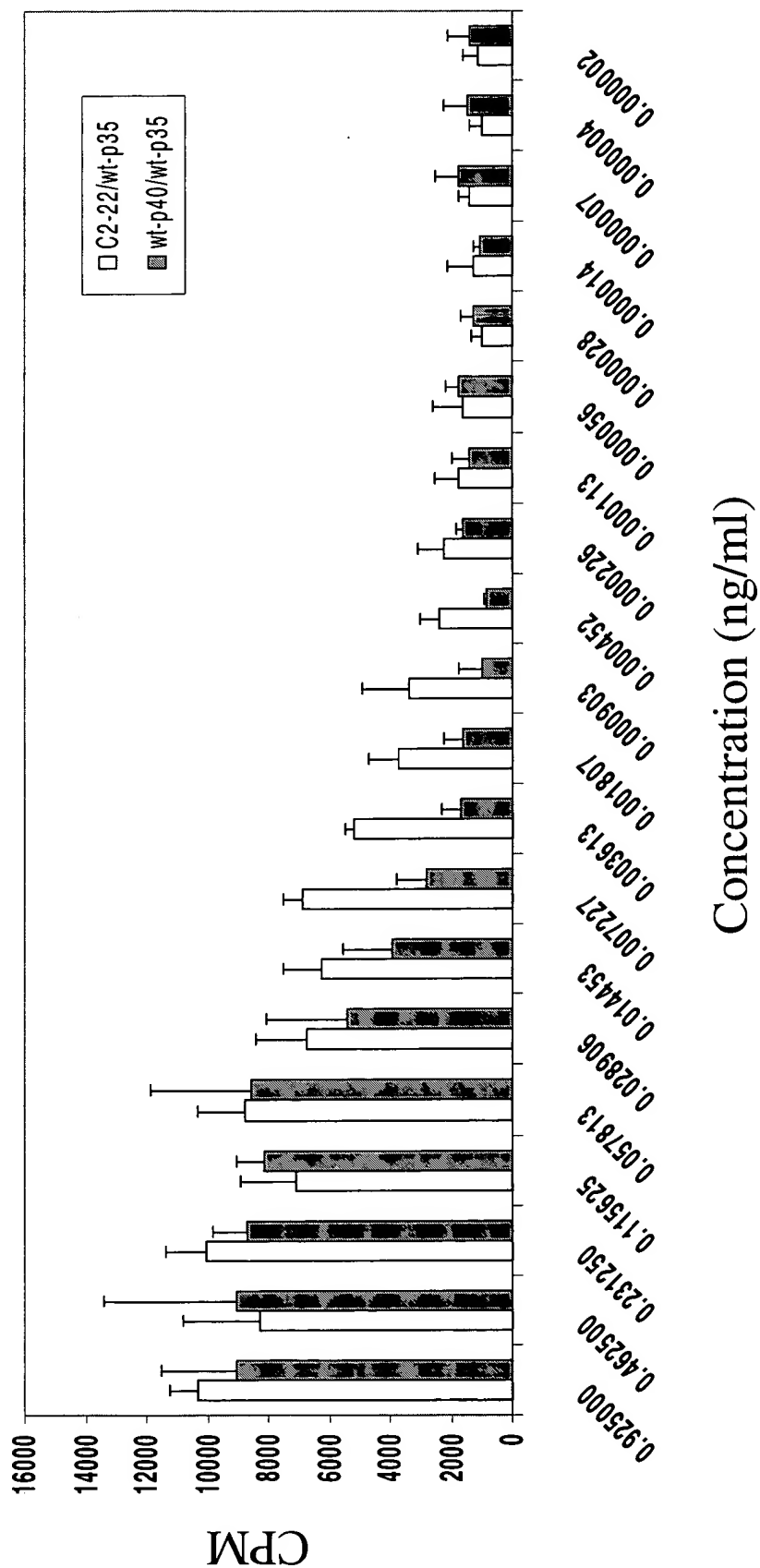


Fig. 9

09/725,324
11 of 16

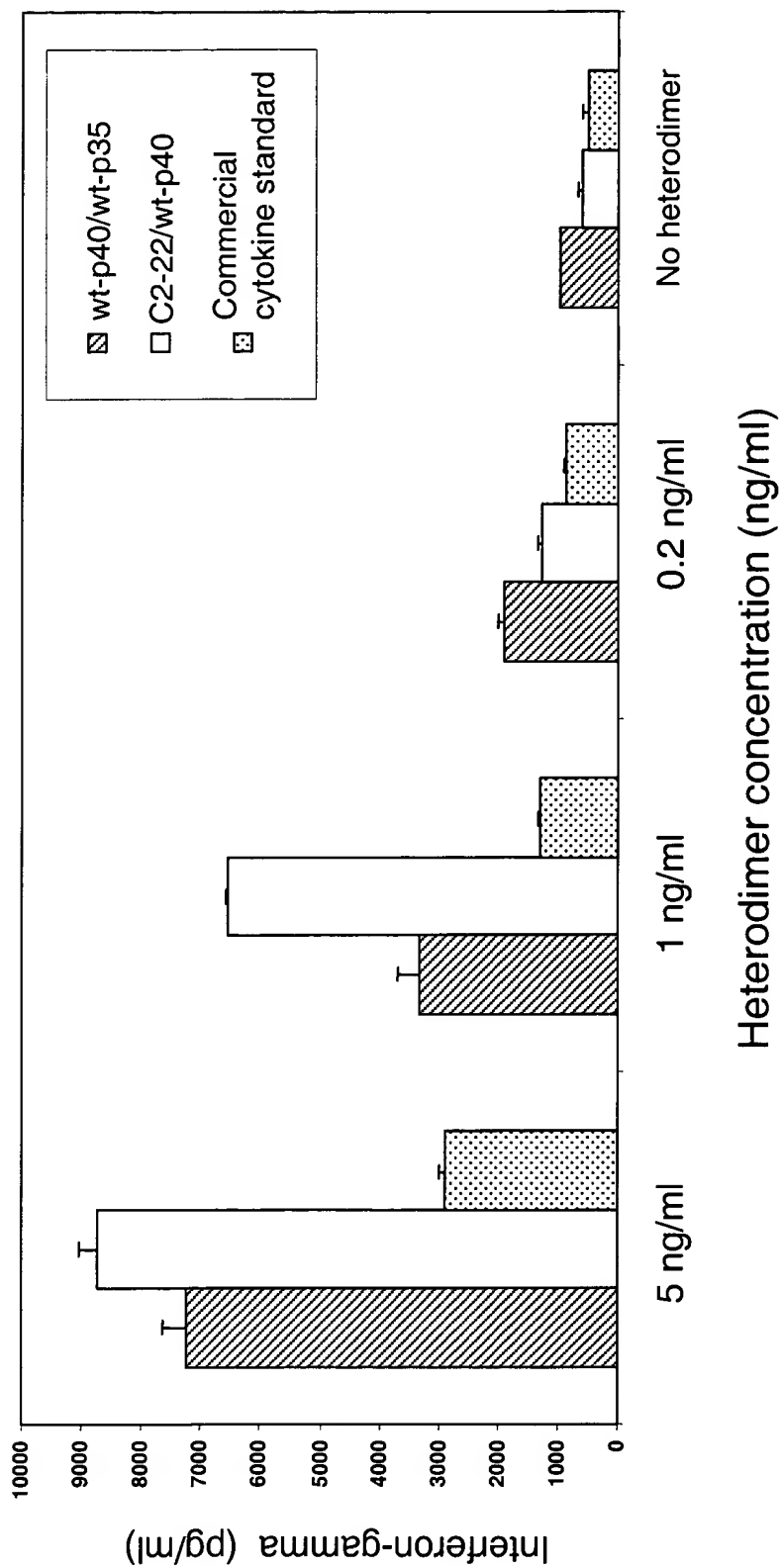


Fig. 10

003277:42E32260



SEQ_36	1	MCPARSLLLVATLVLLDHL---	2223	67
SEQ_26	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_27	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_28	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_29	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_30	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_31	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_32	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_33	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_34	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_35	(1)	MCPARSLLLVATLVLLDHL---	SLARNLPVATPDPGMPFCLHHSQNLRAVSNMLQKARQTL	EFPYPC
SEQ_36	68	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_26	(70)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_27	(70)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_28	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_29	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_30	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_31	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_32	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_33	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_34	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT
SEQ_35	(68)	EIDHEDITKDKTSTVEACLP	LELTKNESCLNSRET	SFITNGSCLASRKT

Fig. 11A

09/125, 324
12 of 16

[illegible]

SEQ_36	(138)	FKTMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	207
SEQ_26	(140)	FKAMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_27	(140)	FKAMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_28	(138)	FKTMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_29	(138)	FKAMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_30	(138)	FKAMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_31	(138)	FKTMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_32	(138)	FKTMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_33	(138)	FKAMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_34	(138)	FKAMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_35	(138)	FKTMNAKLLMDPKRQIFLDQNMMLAVIDELMQALNFNSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAV	

SEQ_36	(208)	TIDRVTSYLNAS	208	219
SEQ_26	(210)	TIDRMTSYLNS		
SEQ_27	(210)	TINRMTSYLNS		
SEQ_28	(208)	TINRMTSYLNS		
SEQ_29	(208)	TINRMTSYLNS		
SEQ_30	(208)	TINRMTSYLNS		
SEQ_31	(208)	TINRMTSYLNS		
SEQ_32	(208)	TINRMTSYLNS		
SEQ_33	(208)	TINRMTSYLNS		
SEQ_34	(208)	TIDRMTSYLNS		
SEQ_35	(208)	TINRMTSYLNS		

Fig. 11B

09/725,324
13 of 16

003277-425260

09/725,324
14 of 16

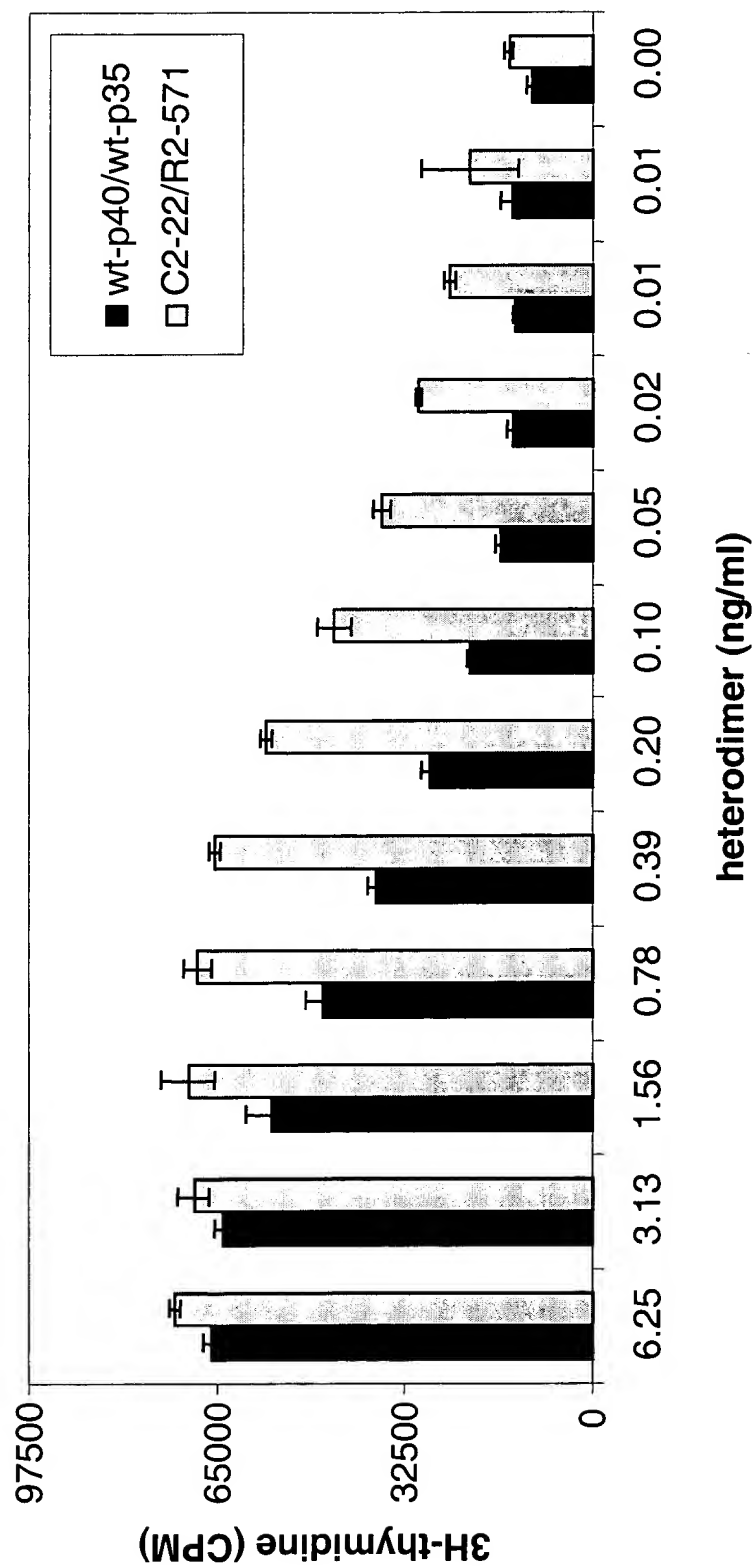


Fig. 12

003277-425260

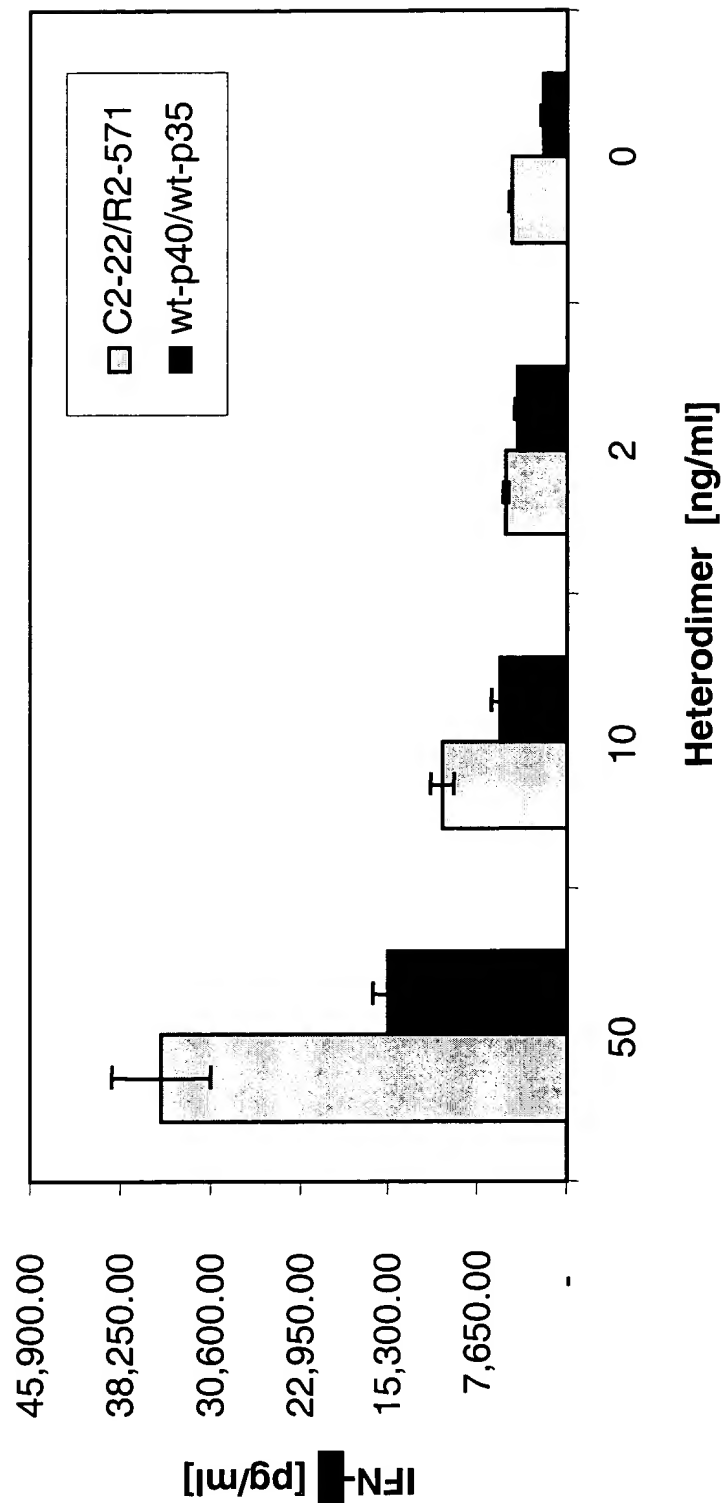


Fig. 13

09/725,324
15 of 16

00327-725260

dilution of
— C2-22/R2-571 —

wt 1 1:2 1:4 1:8 1:16 1:32 MW wt



Fig. 14

09/725, 324
16 of 16